# Neudesic C Language Test Questions

**Q1. What will be the output of the following C code?**

```
#include
int main(){
int i,j;
i=j=2,3;
while(--i&&j++)
printf(%d %d,i,j);
return 0;
}
```

(A) 2
(B) 3
(C) 13
(D) Infinite loop
(E) Compilation error

**Q2. What will be printed a result of the operation below:**

```
#define swap (a,b) a = a+b; b = a-b; a = a-b;
void main()
{
int x=5, y=10;
swap (x,y);
printf(%d %dn,x,y);
swap2(x,y);
printf(%d %dn,x,y);
}
int swap2(int a, int b)
{
int temp;
temp=a;
b=a;
a=temp;
return 0;
```

```
}
```

**Q3. What will be the output of the following C program?**

```
#include
int main(){
int class=150;
int public=25;
int private=30;
class = class >> private - public;
printf(%d,class);
return 0;
}
```

(A) 1
(B) 2
(C) 4
(D) Compilation error
(E) None of these

**Q4. What will be the output when you execute the following C code?**

```
#include
#define L 10
int main(){
auto money=10;
switch(money,money*2){
case L: printf(Willian);
break;
case L*2:printf(Warren);
break;
case L*3:printf(Carlos);
break;
default: printf(Lawrence);
case L*4:printf(Inqvar);
break;
return 0;
```

}

**Choose all that apply:**

        (A) Willian
        (B) Warren
        (C) Lawrence Inqvar
        (D) Compilation error: Misplaced default
        (E) None of the above

**Q5. What will be the output of the following C program?**

```
#include
int main(){
long int 1a=5l;
printf(%ld,1a);
return 0;
}
```

        (A) 5
        (B) 51
        (C) 6
        (D) Compilation error
        (E) None of these

**Q6. What will be the output of the following C code?**

```
#include
int main(){
int x=011,i;
for(i=0;i
printf(Start );
continue;
printf(End);
}
return 0;
}
```

(A) End End End
(B) Start Start Start
(C) Start End Start
(D) Start Start Start Start
(E) Compilation error


## Q7. What will be the output when you execute the following C code?

```
#include
int main(){
int a=5,b=10,c=1;
if(a&&b>c){
printf(cquestionbank);
}
else{
break;
}
return 0;
}
```

**Choose all that apply:**

(A) cquestionbank
(B) It will print nothing
(C) Run time error
(D) Compilation error
(E) None of the above


## Q8. What will be the output when you execute the following C code?

```
main()
{
char *p1=name;
char *p2;
p2=(char*)malloc(20);
memset (p2, 0, 20);
```

```
while(*p2++ = *p1++);
printf(%sn,p2);
}
```

## Q9. What will be the output of the following C program?

```
#include
int main(){
int goto=5;
printf(%d,goto);
return 0;
}
```

(A) 5
(B) **
(C) **
(D) Compilation error
(E) None of these

## Q10. What will be the output when you execute following C code?

```
#include
#define var 3
int main(){
char *cricket[var+~0]={clarke,kallis};
char *ptr=cricket[1+~0];
printf(%c,*++ptr);
return 0;
}
```

## Choose all that apply:

(A) a
(B) r
(C) l
(D) Compilation error
(E) None of the above

**Q11. What will be printed as a result of the operation below?**

```
int x;
int modifyvalue()
{
return(x+=10);
}
int changevalue(int x)
{
return(x+=1);
}
void main()
{
int x=10;
x++;
changevalue(x);
x++;
modifyvalue();
printf(First output:%dn,x);
x++;
changevalue(x);
printf(Second output:%dn,x);
modifyvalue();
printf(Third output:%dn,x);
}
```

**Q12. What will be printed as a result of the operation below?**

```
main()
{
int x=5;
printf(%d, %d, %dn, x, x< <2,x>>2);
}
```

**Q13. What will be the output of the following program?**

```
#include
int main(){
int i = 3;
int *j;
int **k;
j=&i;
k=&j;
printf(%u %u %d , k, *k, **k);
return 0;
}
```

(A) Address, Address, 3
(B) Address, 3, 3
(C) 3, 3, 3
(D) Compilation error
(E) None of above


**Q14. What will be the result of the following code?**

```
#define TRUE 0 // some code
while(TRUE)
{
// some code
}
```


**Q15. What will be the output when you execute the following C code?**

```
#include
int main(){
int const SIZE=5;
int expr;
double value[SIZE]={2.0, 4.0, 6.0, 8.0, 10.0};
expr=1|2|3|4;
printf(%f, value[expr]);
return 0;
}
```

**Choose all that apply:**

(A) 2.000000
(B) 4.000000
(C) 8.000000
(D) Compilation error
(E) None of the above